

ESE
PATENT SPECIFICATION

684407



Date of filing Complete Specification Nov. 20, 1950.

Application Date Nov. 18, 1949.

No. 29550/49.

Complete Specification Published Dec. 17, 1952.

Index at acceptance:—Class 97(i), J14c.

COMPLETE SPECIFICATION

Improvements in Anti-Glare or Eye Shield Attachments for Spectacles

I, ENID PHYLIS SHAND, a British Subject, of 25, Abergeldie Road, London, S.E.12, do hereby declare the invention, for which I pray that a patent may be granted to me, and the method by which it is to be performed, to be particularly described in and by the following statement:—

This invention relates to an anti-glare device for attachment to a pair of spectacles. An object of the invention is to provide an attachment of simple construction made from flexible sheet material, having desired light absorbing or filtering properties which can be fitted easily to a pair of spectacles so that shield parts of the device reside one in front of each lens, the device being carried in the usual spectacle case when not in use.

According to this invention there is provided an anti-glare device of flexible material comprising a pair of wing like parts which are secured to one another at one end, the other end of each part being bifurcated to provide limbs extending away from the junction of the parts, and a hole through each of the limbs and near to the ends thereof remote from the junction, the arrangement being such that when the limbs at each end remote from the said junction are folded the one over the other with the holes at each end in alignment a cup like receptacle is formed in each part between the junction and the other ends of the limbs.

A side piece of the spectacles can be passed through the aligning holes of the limbs of each part and the device is thus held in front of the lenses of the spectacles, with the limbs of each wing-part at each end constrained to maintain the cup like receptacle each of which provides a shield over each lens and also round the sides thereof.

The invention also comprises an anti-glare device for attachment to a pair of spectacles, said device comprising a strip of flexible material each end thereof hav-

ing a pair of forked parts and having a hole through the end of each of the forked parts the arrangement being such that the forked parts at each end can be folded the one over the other whereby a cup like receptacle is formed at each end of the strip and with the holes of each pair of forked parts aligning for the passage therethrough of a side member of a spectacle frame, the cup-like receptacles when in position residing one in front of each lens of the spectacles.

In order that a clear understanding of the invention may be obtained, reference will now be made to the drawings accompanying the provisional specification, in which Figure 1 is a plan view and Figure 2 an edge view of a preferred form of shield in accordance with the invention.

As shown the attachment consists of two similar parts 1, 1a, which are retained pivoted together by the rivet 2. The holes 2a in which the rivet engages are slotted so that a degree of adjustment in length is obtained. Each part is cut away on the underside to provide a space 3 to clear the nose bridge of the wearer. The parts diverge from the rivet outwardly and the outer end of each part is formed as two limbs (4, 5, and 4a, 5a) there also being provided a slit 6 through each limb near to the end.

In use, the pair of limbs of one part is taken and the part flexed so that the holes in the limbs are co-incident. The one side piece of the spectacle frame is slipped through the aligning holes and the other part is likewise manipulated and the other side piece passed through the co-incident holes therein. When placed in position, the zones between the junction and ends of the parts form cup like receptacles in front of the lenses and the limb ends adjacent the holes 6 are bent round the junction of the side pieces.

When not in use, the attachment lies flat and the parts can be folded one on the other, and carried in a spectacle case.

[Price 2/8]
Price 4s 6d

BEST AVAILABLE COPY

What I claim is:—

1. An anti-glare device for attachment to a pair of spectacles, said device comprising a pair of wing-like parts of flexible material which are secured to one another at one end, the other end of each part being bifurcated to provide limbs extending away from the junction of the parts, there being a hole through each of the limbs near to the end thereof remote from the junction so that when the limbs at each end remote from the junction are folded the one over the other, with the holes at each end aligned, a cup like receptacle is formed in each part between the junction and the other ends of the limbs.
2. An anti-glare device for attachment to a pair of spectacles said device comprising a strip of flexible material, each end thereof having a pair of forked parts and having a hole through the end of each of the forked parts, the arrangement being such that the forked parts at each end can be folded the one over the other to form a cup like receptacle at each end of the strip and with the holes of each pair of forked parts aligning for the passage therethrough of a side member of a spec-

tacle frame, the cup like receptacles when in position residing one in front of each lens of the spectacles.

3. An anti-glare device as claimed in Claim 1, wherein each wing-like part is of substantially Y-form with the ends of the vertical limbs pivoted together.

4. An anti-glare device as claimed in claim 3, wherein each part is cut away at the inner end to provide a recess for the nose bridge.

5. An anti-glare device as claimed in claim 3 or 4, wherein the pivotal connection between the parts is such that a degree of adjustment in length is obtained.

6. An anti-glare device made from flexible sheet material substantially as herein described with reference to the drawings accompanying the provisional specification.

KINGS PATENT AGENCY LIMITED,

By B. T. KING, A.I. Mech. E.,

Director,

Registered Patent Agent,
146A, Queen Victoria Street,
London, E.C.4,

Agents for Applicant.

PROVISIONAL SPECIFICATION

Improvements in Anti-Glare or Eye Shield Attachments for Spectacles

- 50 I, ENID PHYLLIS SHAND, a British Subject, of 25, Abergeldie Road, London, S.E.12, do hereby declare the nature of this invention to be as follows:—

This invention has reference to an anti-glare device for spectacles. The primary object of the invention is to provide an attachment of simple construction which can be used as a screen in front of the eye pieces and which will provide complete protection against glare.

- 60 Broadly, the attachment comprises a pair of wing like parts of a suitable flexible sheet material, each of a bifurcated shape and secured together or formed as a unitary article so that the limb forks face outwardly, there being provided holes through the limbs and near to the ends so that each part can be folded into a cup like form and with the two holes in the limbs of each part aligned so that a side piece of the spectacle frame can be passed therethrough, the natural resilience of the material resulting in the parts tending to return to the flat. With this construction
- 70 a shield in the form of a cup or dome like part is provided in front of each eye piece, the limb ends of each part being bent rearwardly thereby protecting the eyes from glare from the side. Preferably, the parts are secured together by a rivet, which

may be arranged so that a degree of adjustment to the overall length of the attachment is provided. The parts are also formed with a suitable central cut away to accommodate the bridge of the nose.

A preferred form of attachment, shown flat, is illustrated in the accompanying drawings in which Fig. 1 is a plan view, and Fig. 2 an edge view. The attachment consists of two similar parts, 1, 1a, which are retained together so as to pivot by means of a rivet 2. Each part is cut away on the underside to provide a space 3 to clear the nose bridge of the wearer. The parts diverge from the rivet outwardly, and the outer end of each part is formed as two limbs (4, 5, and 4a, 5a) there also being provided a slit 6 through each limb near the end.

In use the pair of limbs of one part is taken and the part flexed so that the holes in the limbs are coincident. The one side piece of the spectacle frame is slipped through the said holes and the other part is likewise manipulated, and the other side part passed through the coincident holes. When placed in position, with the main inner portions of the parts in front of the eye pieces the limbs bend round the side pieces.

When not in use, the attachment lies

flat, and the parts can be folded the one
on the other.

Dated this 18th day of November, 1949.
KINGS PATENT AGENCY LIMITED,
By B. T. KING, A.I.Mech.E.,
Director,
Registered Patent Agent,
146A, Queen Victoria Street,
London, E.C.4,
Agents for Applicant.

Leamington Spa: Printed for Her Majesty's Stationary Office, by the Courier Press.—1952.
Published at The Patent Office, 25, Southampton Buildings, London, W.O.2, from which
copies may be obtained.

BEST AVAILABLE COPY

